

**DEVICE AND METHOD OF CREATING HYDRODYNAMIC CAVITATION
IN FLUIDS**

ABSTRACT

A device and method for creating hydrodynamic cavitation in fluids is disclosed. The device can include a chamber formed by at least one wall. The wall can have a first orifice configured to permit the introduction of a first liquid stream into the chamber and an opposing second orifice configured to permit the introduction of a second liquid stream into the chamber. The first orifice can have a diameter sufficiently smaller than the second orifice to permit penetration of the first liquid stream into the second liquid stream.